

CLAIMS

05-07-2000

left A3 5 *add B4*

1. Device for spray extrusion, for connection to a source of coating material under pressure, comprising a nozzle for spraying the material onto an object, **characterised** in that the nozzle has a discharge aperture in the form of a pattern of holes (5), debouching into the front surface of the nozzle, said holes (5) being arranged to cause the coating material to be discharged from the nozzle in separate strings from each hole (5).

10 2. Device according to claim 1, **characterised** in that said holes (5) are arranged in a row.

15 3. Device according to claims 1 or 2, **characterised** in that the discharge aperture has a discharge area equal to about 10 - 20 % of a corresponding uninterrupted discharge aperture.

20 4. Device according to any one of the preceding claims, **characterised** in that said holes (5) are circular.

25 5. Method for spray extrusion by means of a pressurised source of coating material connected to a nozzle for spraying the material onto an object, **characterised** in that a raised pressure is created in the nozzle by means of a discharge aperture in the form of a pattern of holes (5), causing the material to be discharged from the nozzle in separate strings from each hole (5) with a relatively high discharge velocity whereby the material strings will hit the object individually, to subsequently fuse together thereon into a flat, continuous strip of material.

30 6. Method according to claims 5, **characterised** in that said holes (5) are arranged in a row.

35 7. Method according to claims 5 or 6, **characterised** in that the discharge aperture has a discharge area equal to about 10 - 20 % of a corresponding uninterrupted discharge aperture.

8. Method according to any one of the preceding claims 5 to 7, **characterised** in that said holes (5) are circular.